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	 Satoh Y, Esche C, Gambotto A, Shurin GV, Yurkovetsky ZR, Robbins PD, Watkins Related Articles, Links SC, Todo S, Herberman RB, Lotze MT, Shurin MR. Local administration of IL-12-transfected dendritic cells induces antitumor immune responses to colon adenocarcinoma in the liver in mice. J Exp Ther Oncol. 2002 Nov-Dec;2(6):337-49. PMID: 12440225 [PubMed - indexed for MEDLINE]
	Gene transfer of CD154 and IL12 cDNA induces an anti-leukemic immunity in a murine model of acute leukemia. Leukemia. 2002 Sep;16(9):1637-44. PMID: 12200675 [PubMed - indexed for MEDLINE]
	7: Wigginton JM, Wiltrout RH. IL-12/IL-2 combination cytokine therapy for solid tumours: translation from bench to bedside. Expert Opin Biol Ther. 2002 Jun;2(5):513-24. Review.

PMID: 12079487 [PubMed - indexed for MEDLINE]

8: Gillies SD, Lan Y, Wesolowski JS, Qian X, Reisfeld RA, Holden S, Super M, Lo Relat KM.

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J Immunol. 1998 Jun 15;160(12):6195-203. PMID: 9637539 [PubMed - indexed for MEDLINE]

9: Tahara H. Lotze MT.

Related Articles, Links

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Gene Ther. 1995 Mar;2(2):96-106. Review.

PMID: 7719935 [PubMed - indexed for MEDLINE]

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PubMed Central	4: Triozzi PL, Allen KO, Carlisle RR, Craig M, LoBuglio AF, Conry RM.	Related Articles, Links
	Phase I study of the intratumoral administration of recombinant canare expressing B7.1 and interleukin 12 in patients with metastatic melance Clin Cancer Res. 2005 Jun 1;11(11):4168-75. PMID: 15930353 [PubMed - indexed for MEDLINE]	
	5: Hwang KS, Cho WK, Yoo J, Yun HJ, Kim S, Im DS.	Related Articles, Links
	Adenovirus-mediated interleukin-12 gene transfer combined with cyt followed by 5-fluorocytosine treatment exerts potent antitumor activi bearing mice. BMC Cancer. 2005 May 24;5(1):51. PMID: 15910693 [PubMed - indexed for MEDLINE]	
	6: Shimizu S, Nakashima H, Karube K, Ohshima K, Egashira K.	Related Articles, Links
	Monocyte chemoattractant protein-1 activates a regional Th1 immune nephritis of MRL/lpr mice. Clin Exp Rheumatol. 2005 Mar-Apr;23(2):239-42. PMID: 15895897 [PubMed - indexed for MEDLINE]	oresponse in
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Combination nonviral interleukin-2 gene immunotherapy for head and neck cancer: from

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┌8:	Heinzerling L, Burg G, Dummer R, Maier T, Oberholzer PA, Schultz J, Elzaouk L, Pavlovic J, Moelling K.	Related Articles, Links
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□ 10	Bommhardt U, Chang KC, Swanson PE, Wagner TH, Tinsley KW, Karl IE, Hotchkiss RS.	Related Articles, Links
	Akt decreases lymphocyte apoptosis and improves survival in sepsis. J Immunol. 2004 Jun 15;172(12):7583-91. PMID: 15187138 [PubMed - indexed for MEDLINE]	
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┌ 12	Wong RJ, Chan MK, Yu Z, Kim TH, Bhargava A, Stiles BM, Horsburgh BC, Shah JP, Ghossein RA, Singh B, Fong Y.	
	Effective intravenous therapy of murine pulmonary metastases with a virus expressing interleukin 12. Clin Cancer Res. 2004 Jan 1;10(1 Pt 1):251-9. PMID: 14734477 [PubMed - indexed for MEDLINE]	n oncolytic herpes
T 13	Lasek W. Basak G, Switaj T, Jakubowska AB, Wysocki PJ, Mackiewicz A, Drela N, Jalili A, Kaminski R, Kozar K, Jakobisiak M.	Related Articles, Links
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	Intravascular naked DNA vaccine encoding glycoprotein B induces p and cellular immunity against herpes simplex virus type 1 infection in Gene Ther. 2003 Dec;10(25):2059-66. PMID: 14595378 [PubMed - indexed for MEDLINE]	rotective humoral n mice.
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	A therapy modality using recombinant IL-12 adenovirus plus E7 prot papillomavirus 16 E6/E7-associated cervical cancer animal model. Hum Gene Ther. 2003 Oct 10;14(15):1389-99. PMID: 14577920 [PubMed - indexed for MEDLINE]	ein in a human
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	Clin Cancer Res. 2003 Sep 1;9(10 Pt 1):3546-54. PMID: 14506140 [PubMed - indexed for MEDLINE]	
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	Safety of interleukin-12 gene therapy against cancer: a murine biodist toxicity study. Hum Gene Ther. 2003 Jul 20;14(11):1037-48. PMID: 12885344 [PubMed - indexed for MEDLINE]	ribution and
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	Gene therapy of cancer with interleukin-12. Curr Pharm Des. 2003;9(24):1981-91. PMID: 12871184 [PubMed - indexed for MEDLINE]	•
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